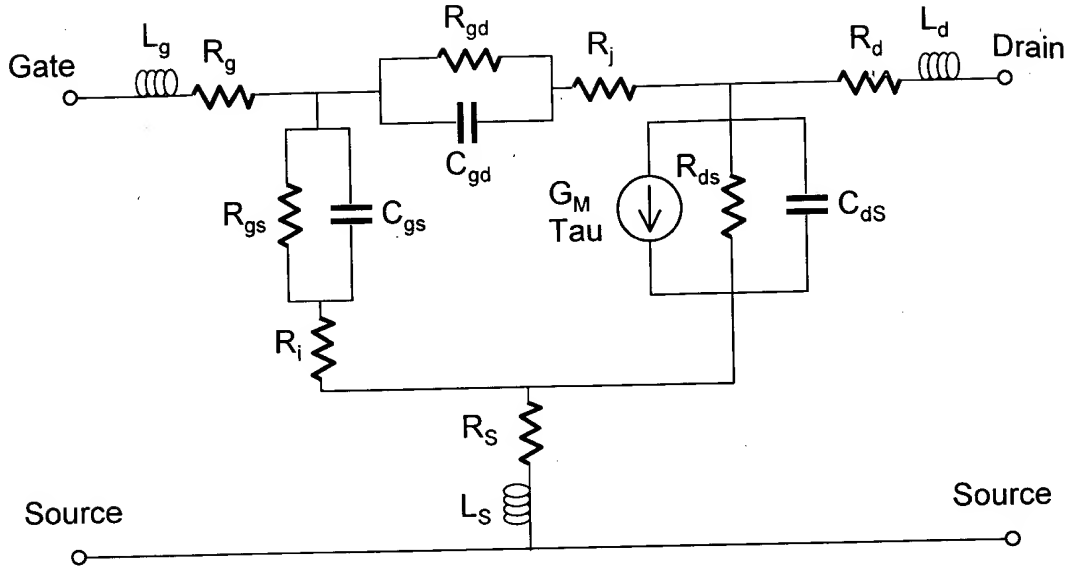


Figure 1

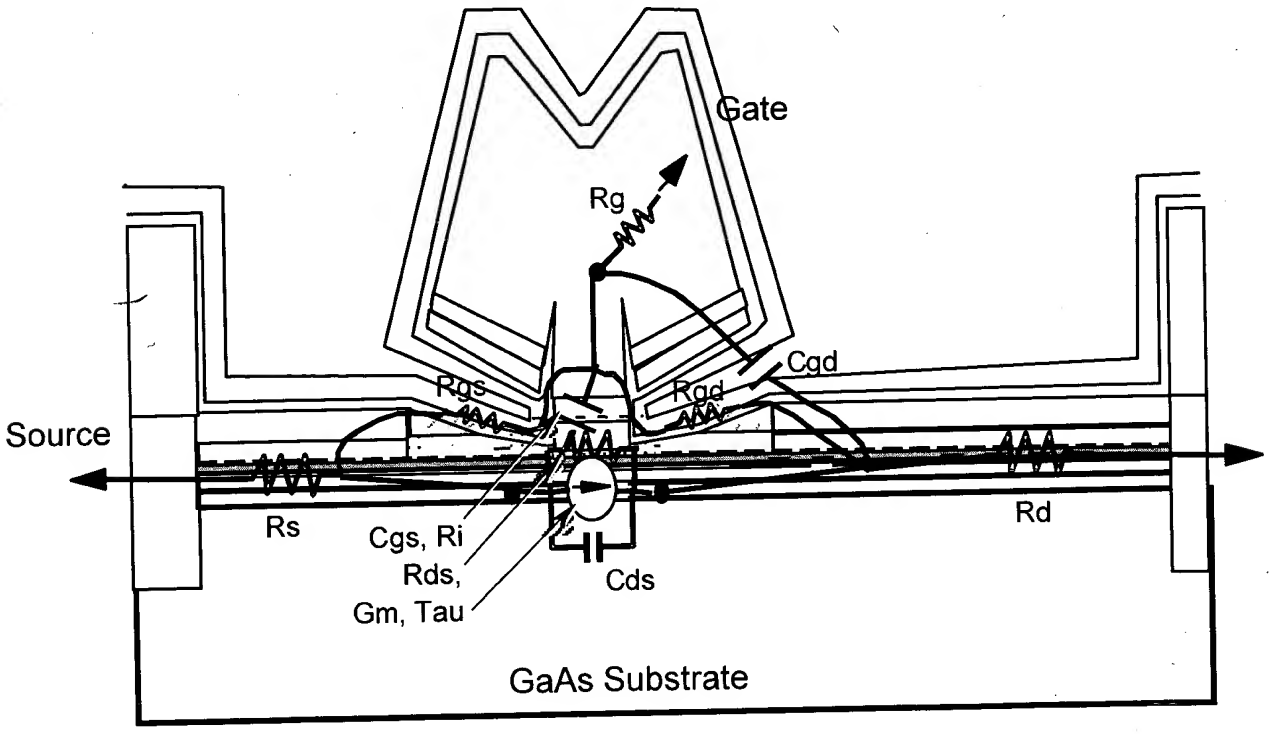


Figure 2

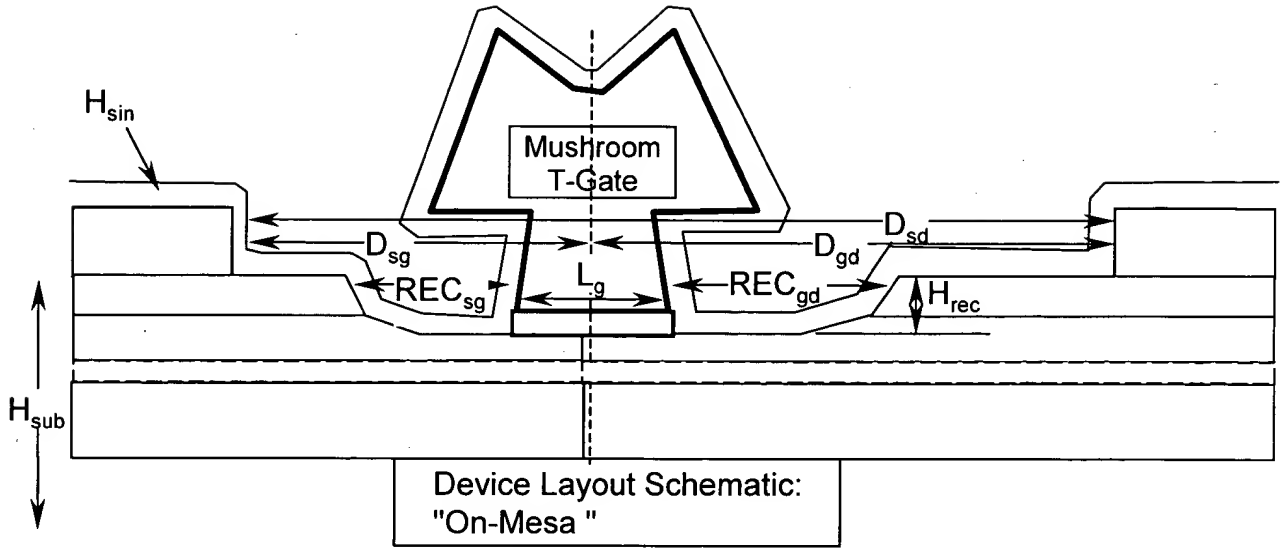


Figure 3

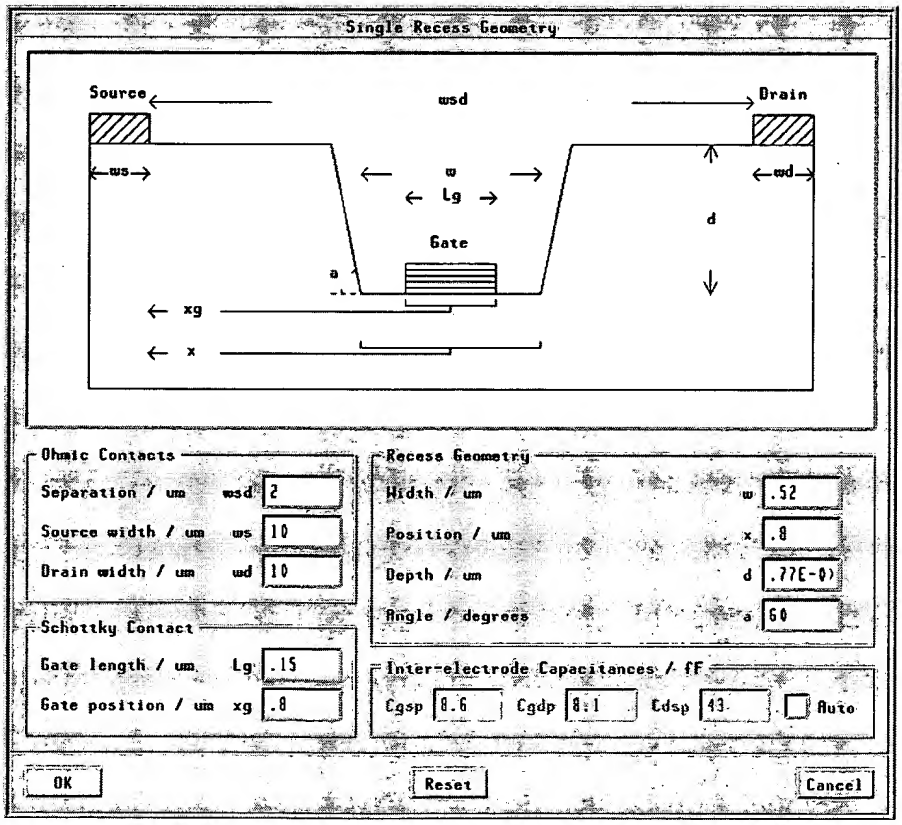


Figure 4

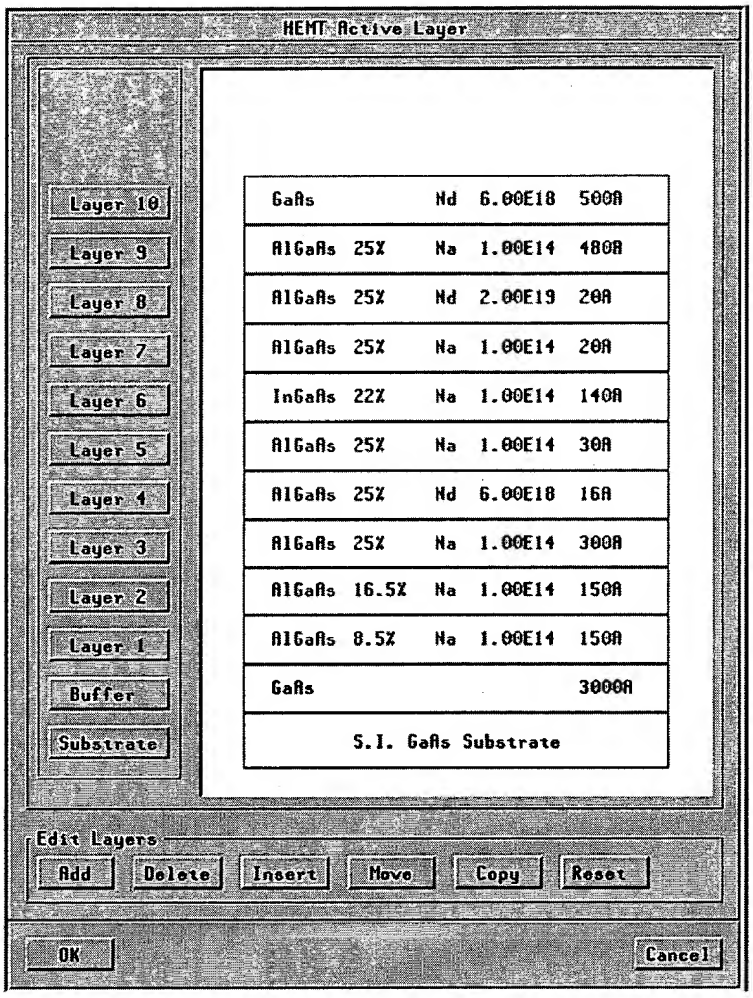


Figure 5

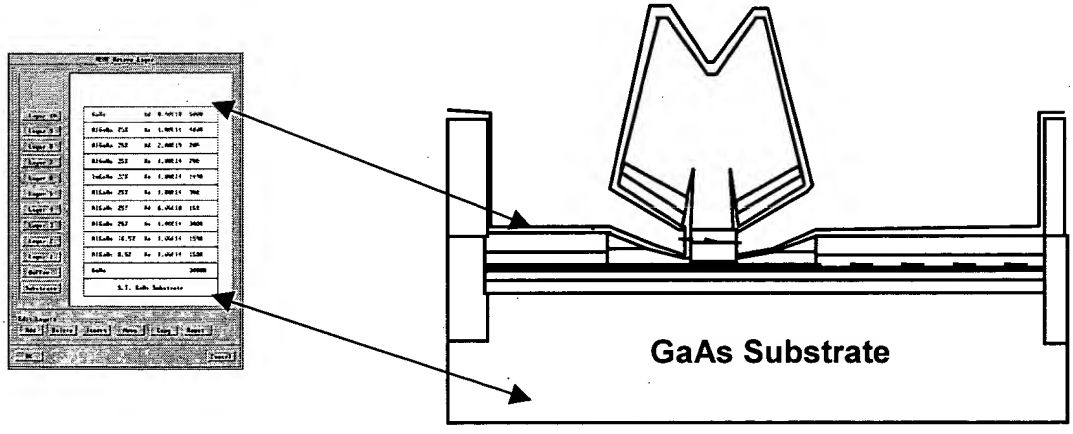


Figure 6

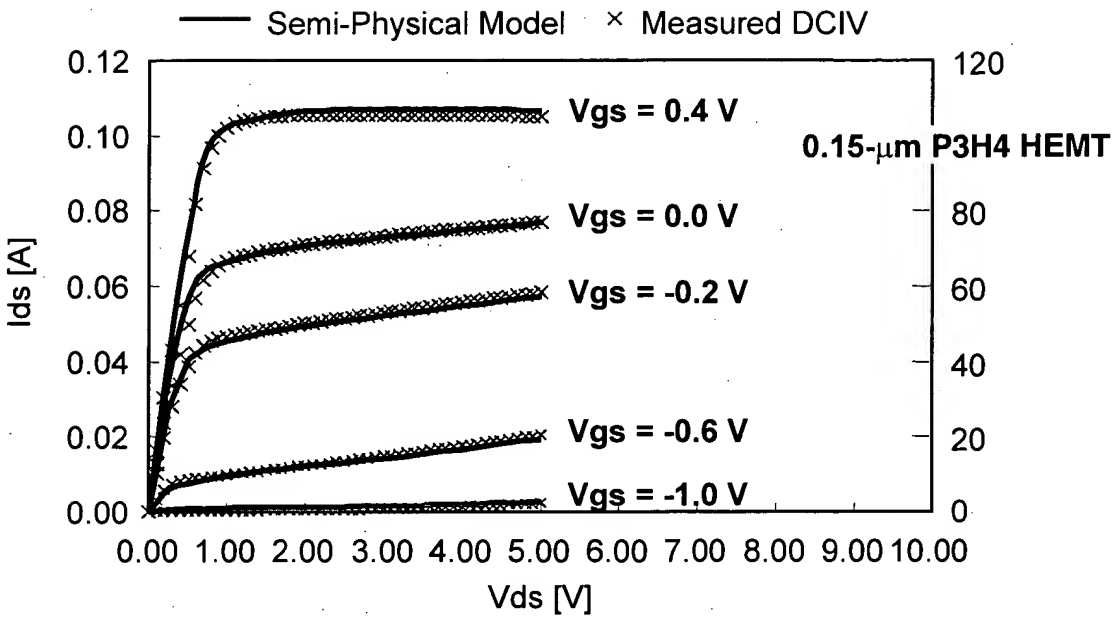


Figure 7

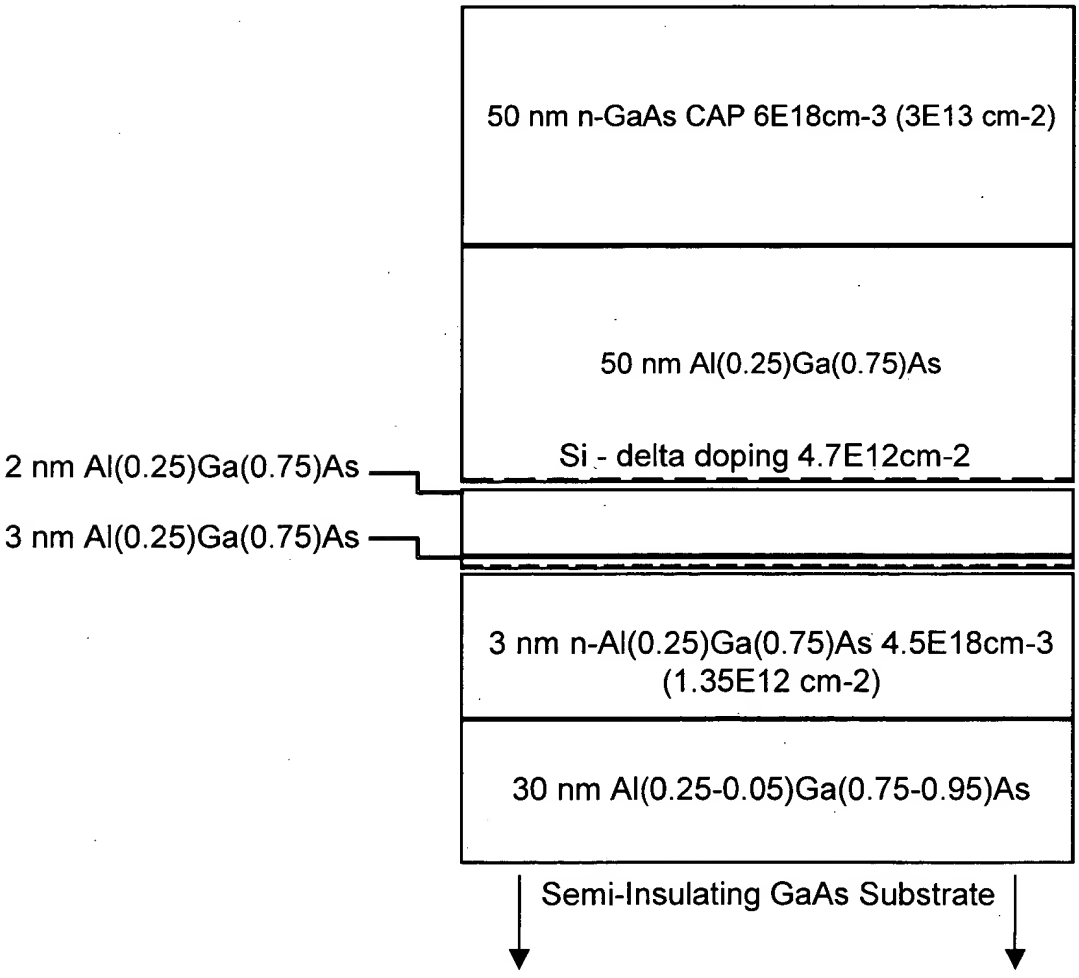


Figure 8

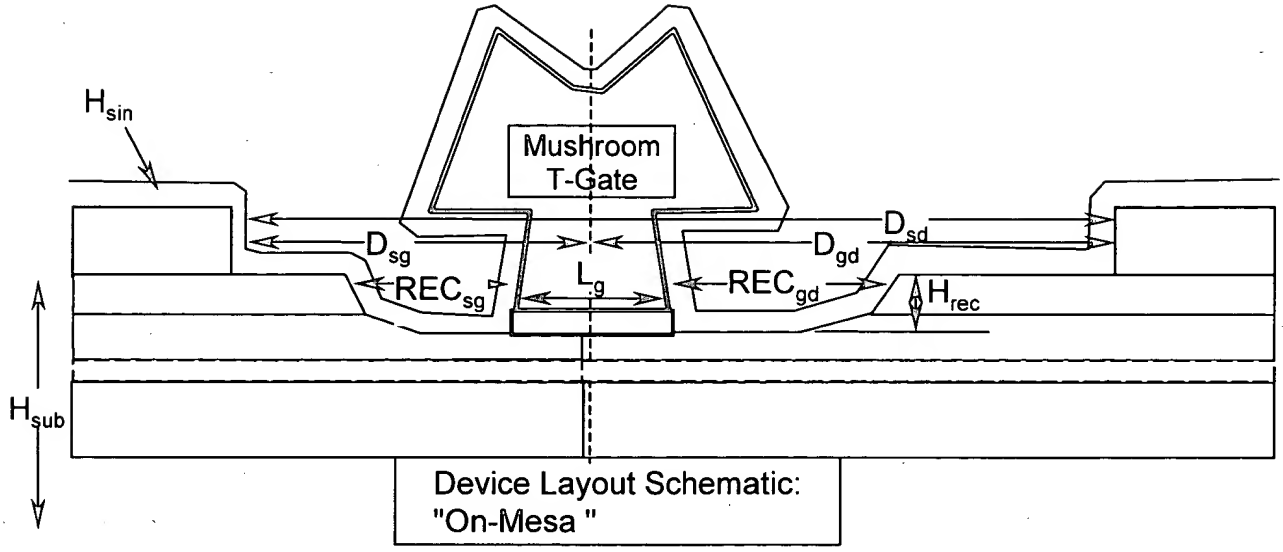


Figure 9

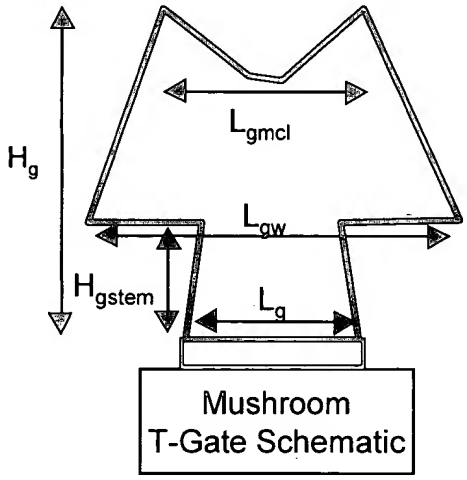


Figure 10

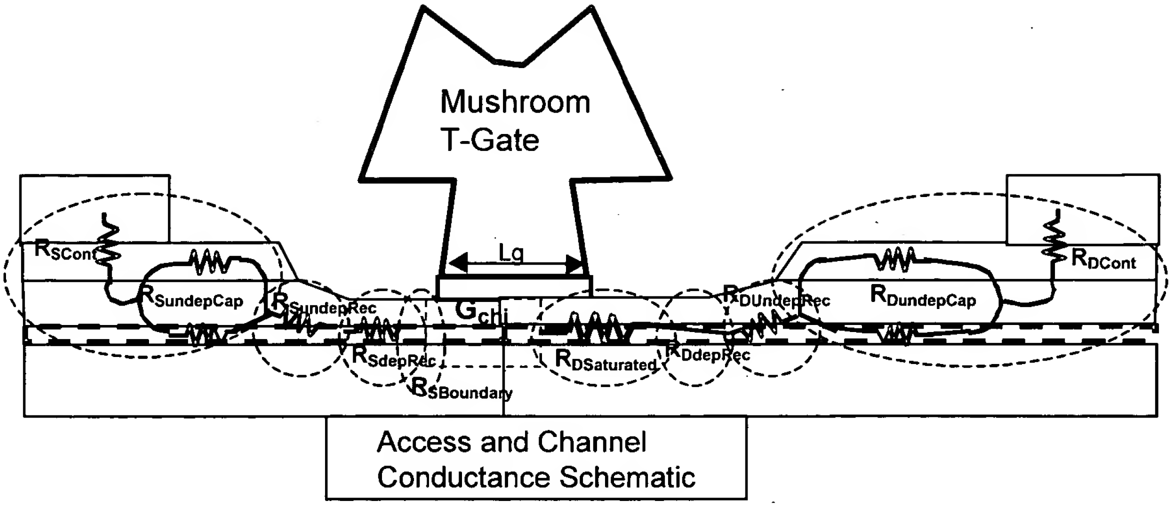
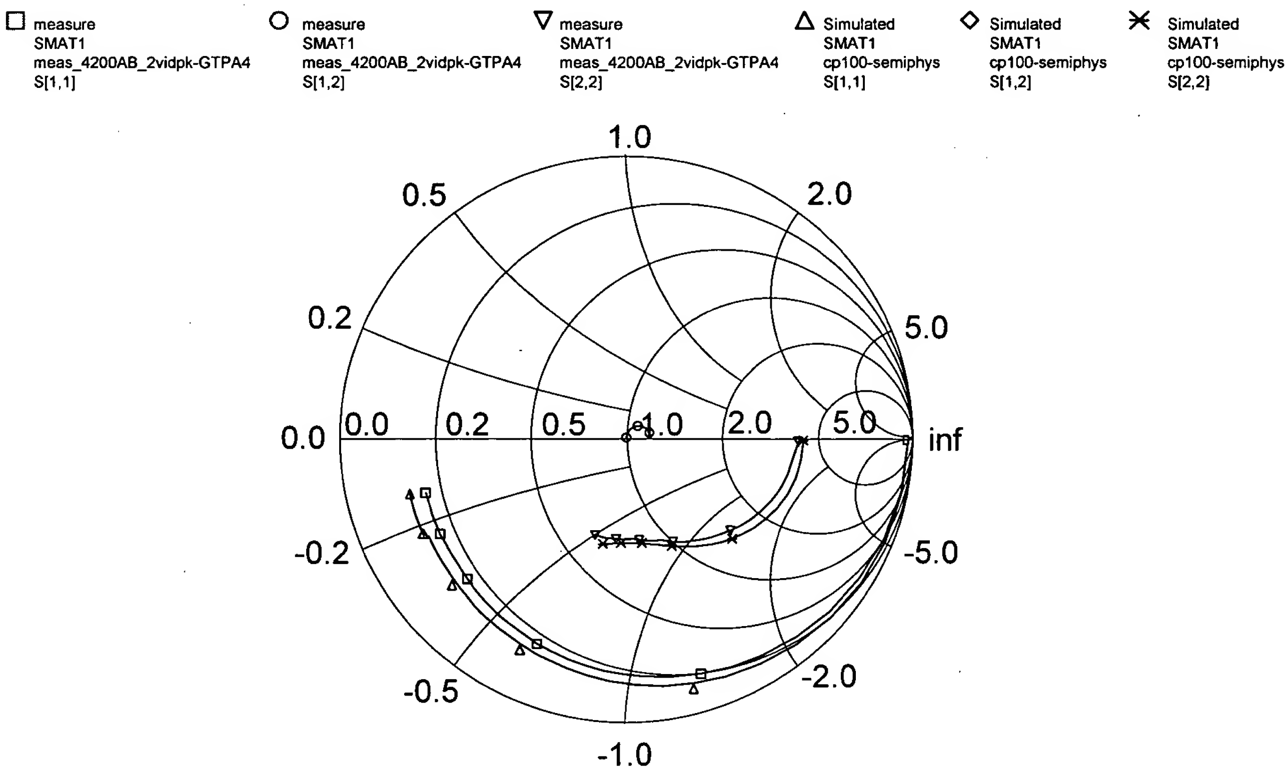


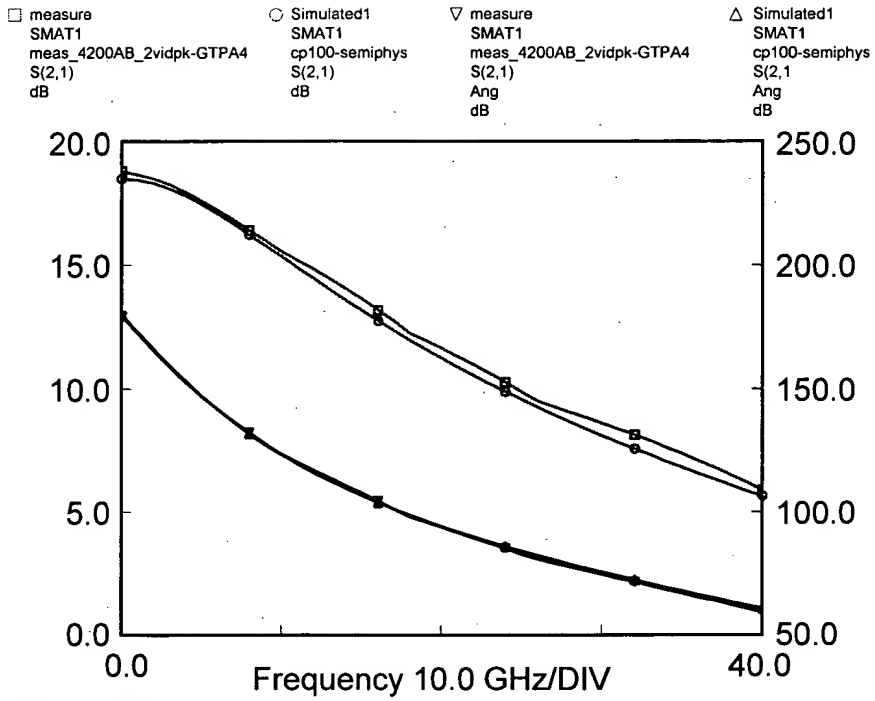
Figure 11



Frequency 0.05 to 40.05 GHz

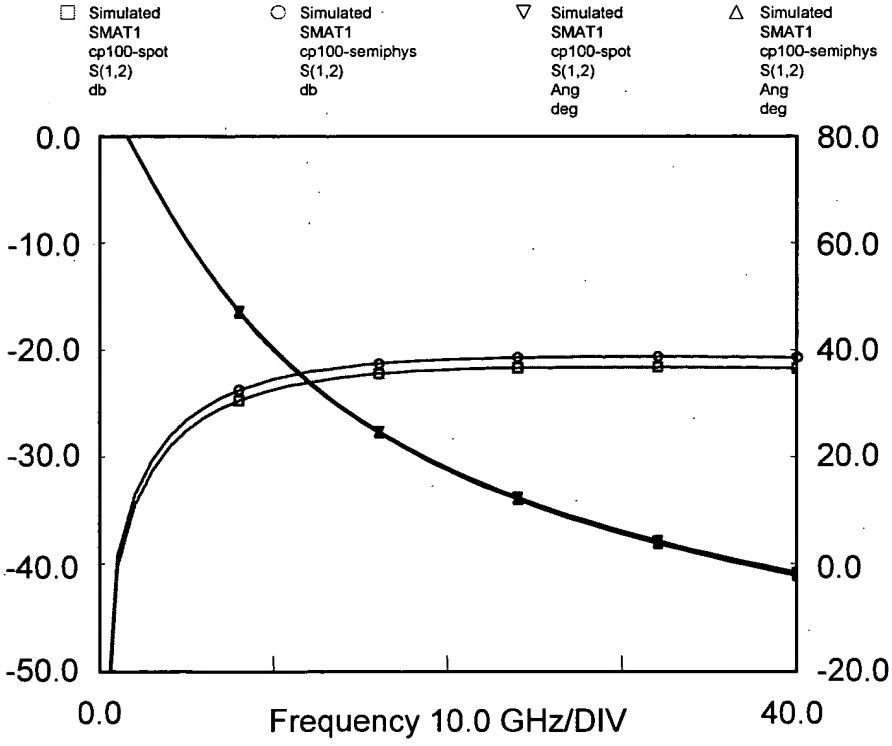
Measured vs Modeled S-parameters
Simulated Equivalent Circuit Element Values
via Semi-Physical HEMT Model

Figure 12



Measured vs Modeled S12
Simulated Equivalent Circuit Element Values via
Semi-Physical HEMT Model

Figure 13



Measured vs Modeled S12
Simulated Equivalent Circuit Element Values via
Semi-Physical HEMT Model

Figur 14

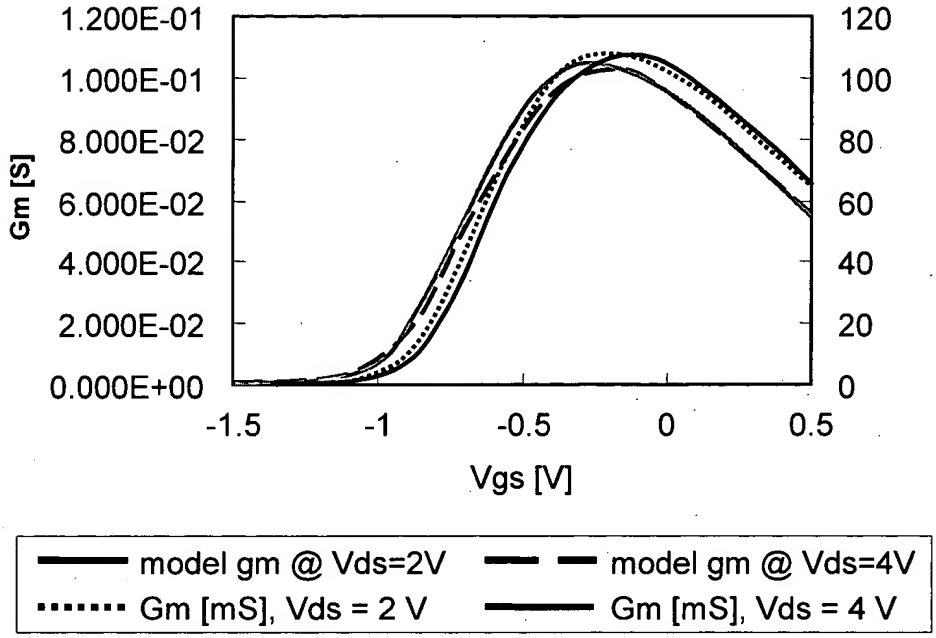


Figure 15

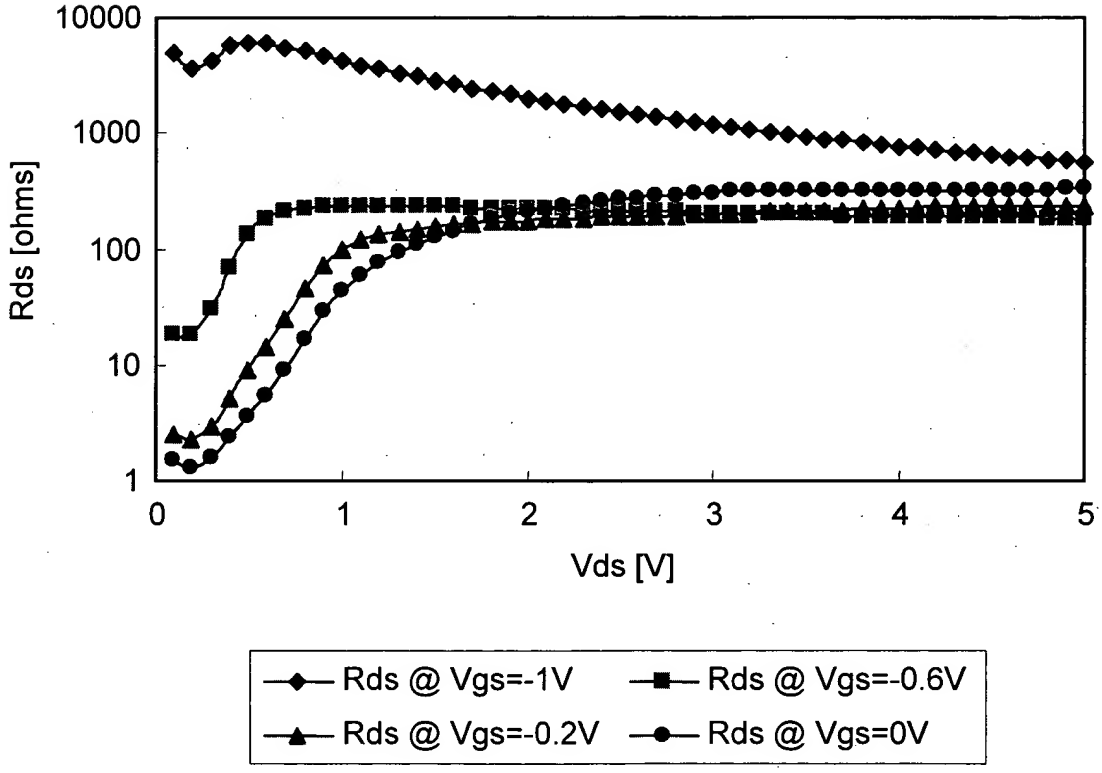


Figure 16

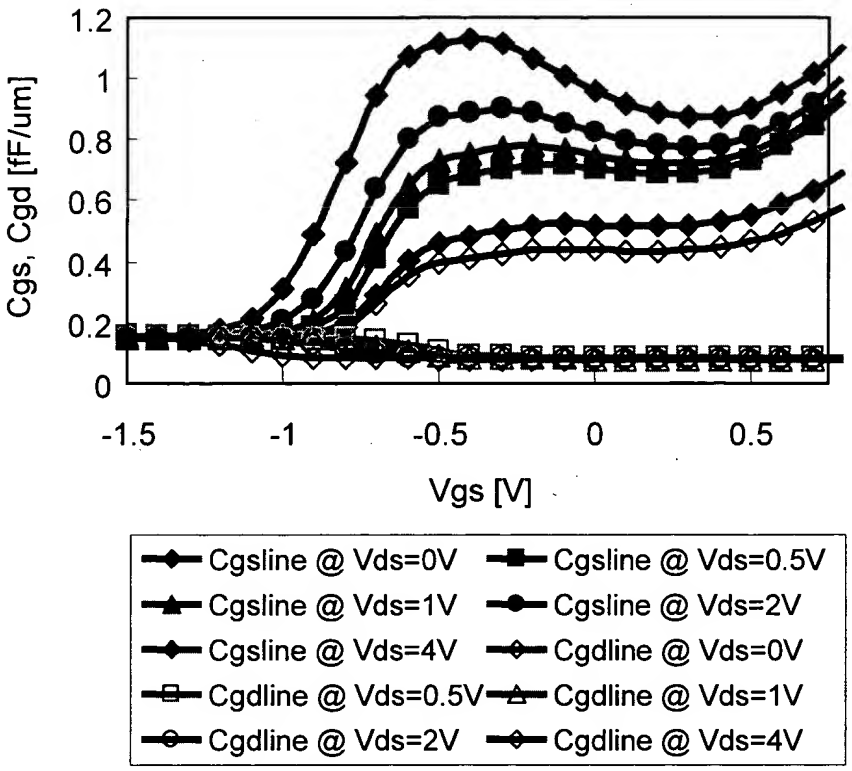


Figure 17

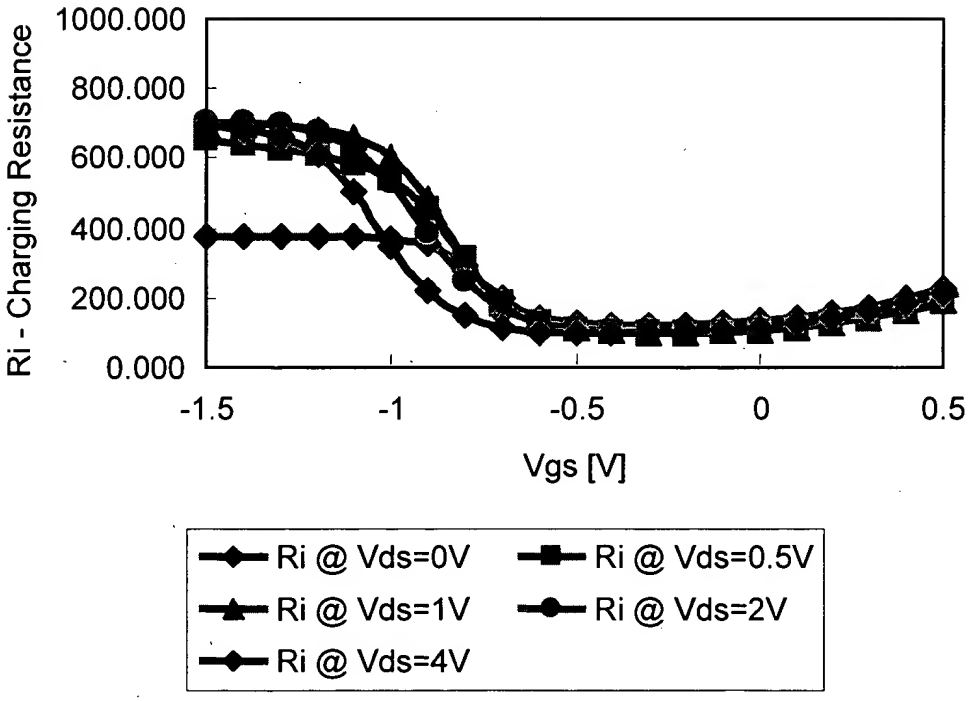


Figure 18

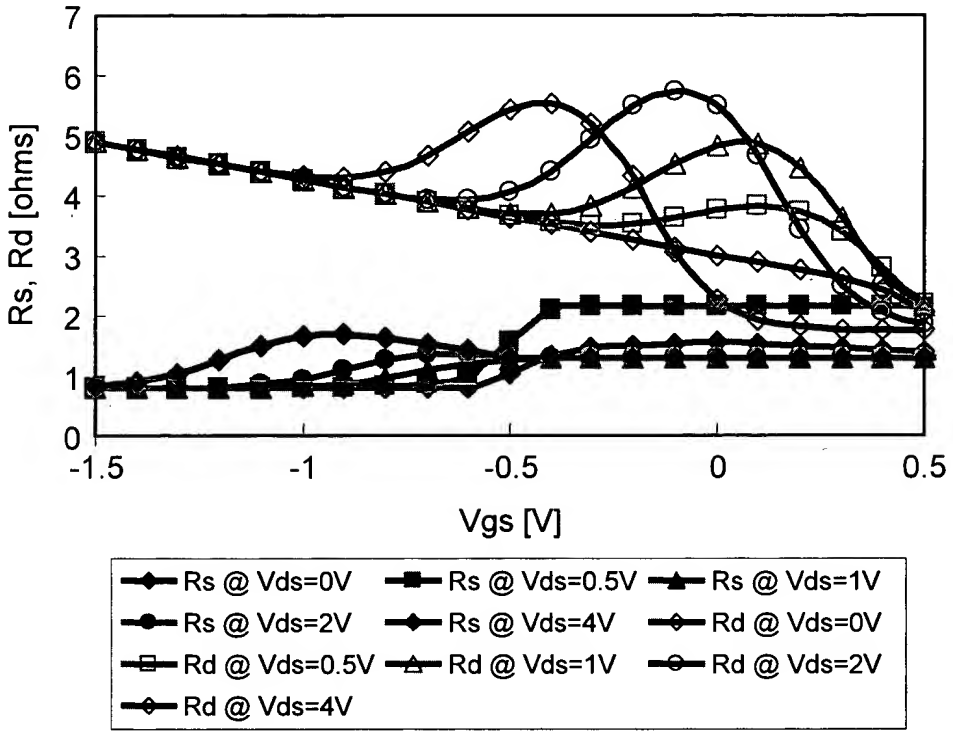


Figure 19

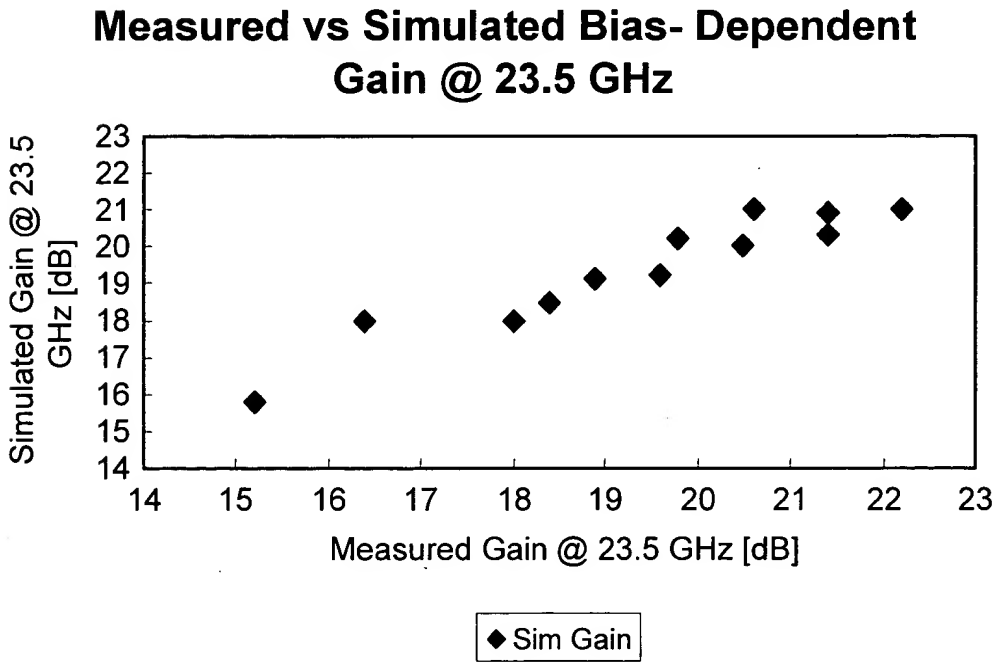


Figure 20

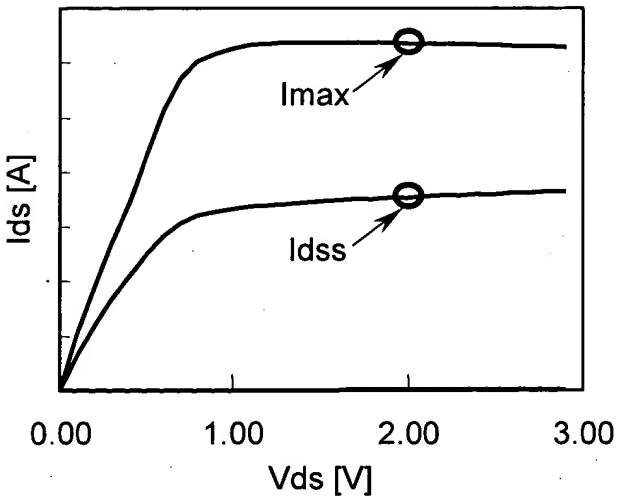


Figure 21A

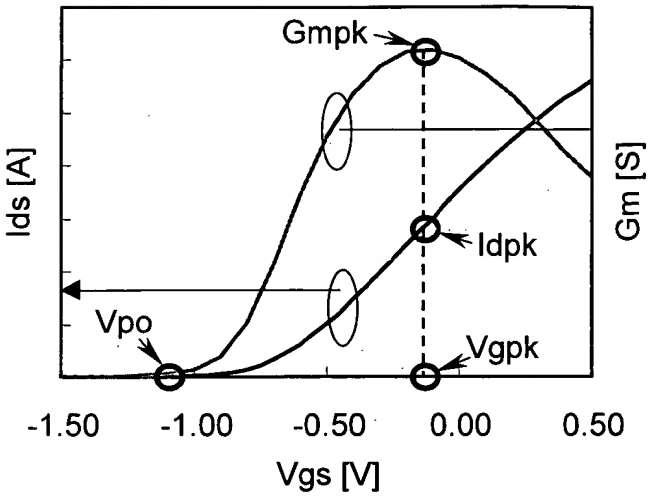


Figure 21B

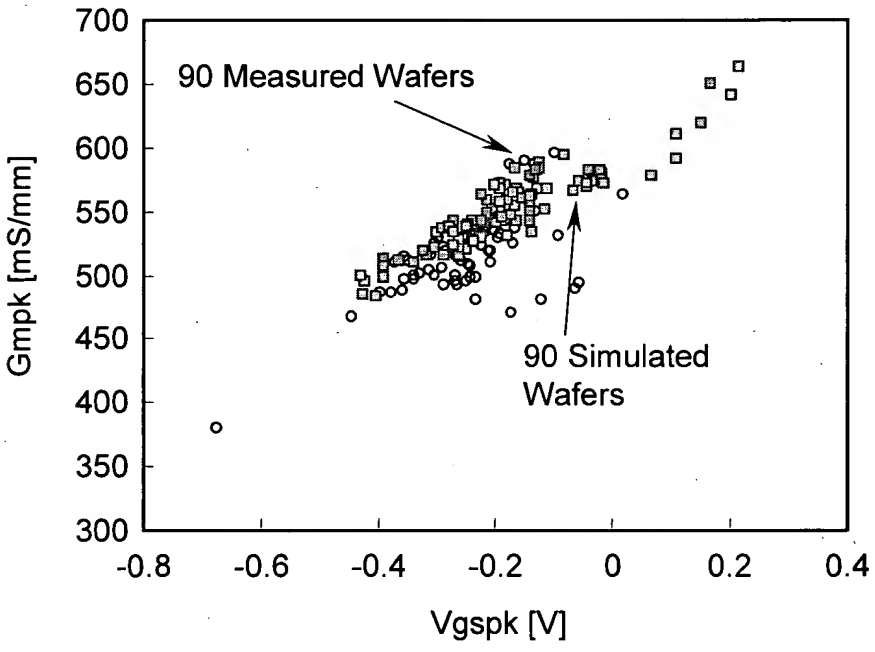


Figure 22

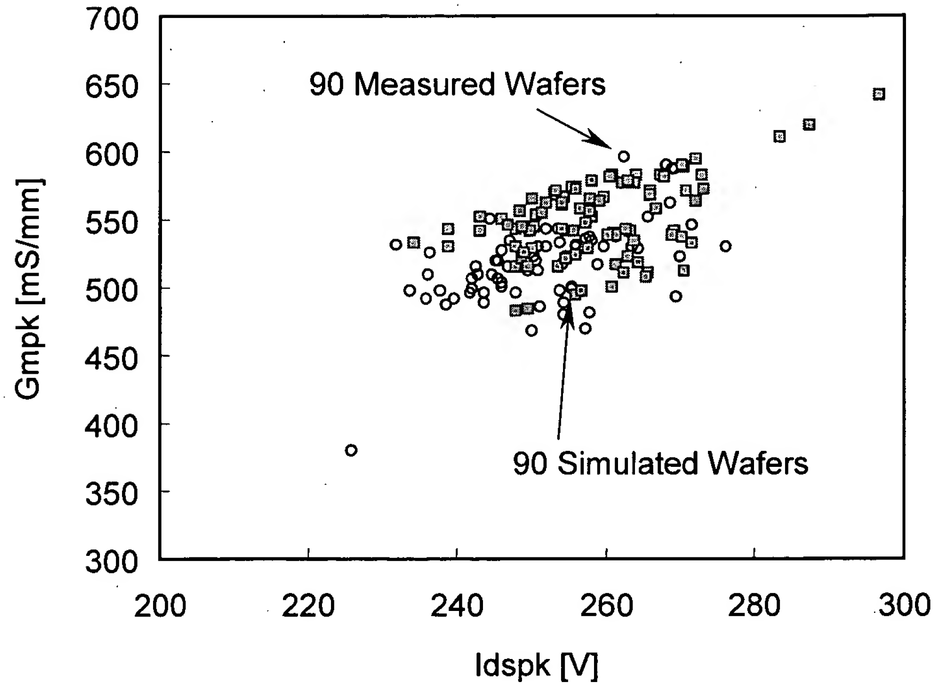


Figure 23

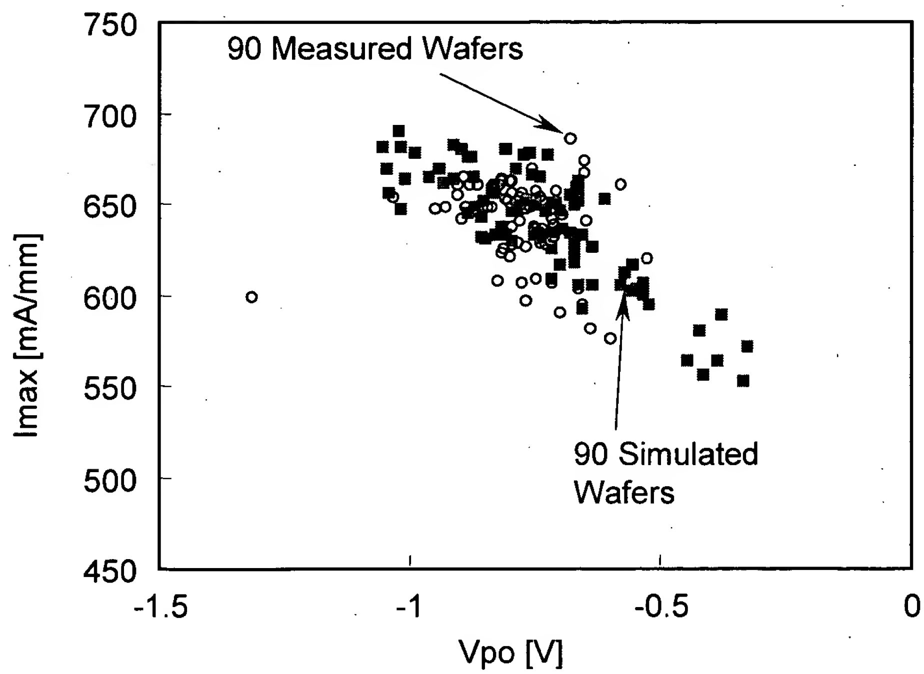


Figure 24

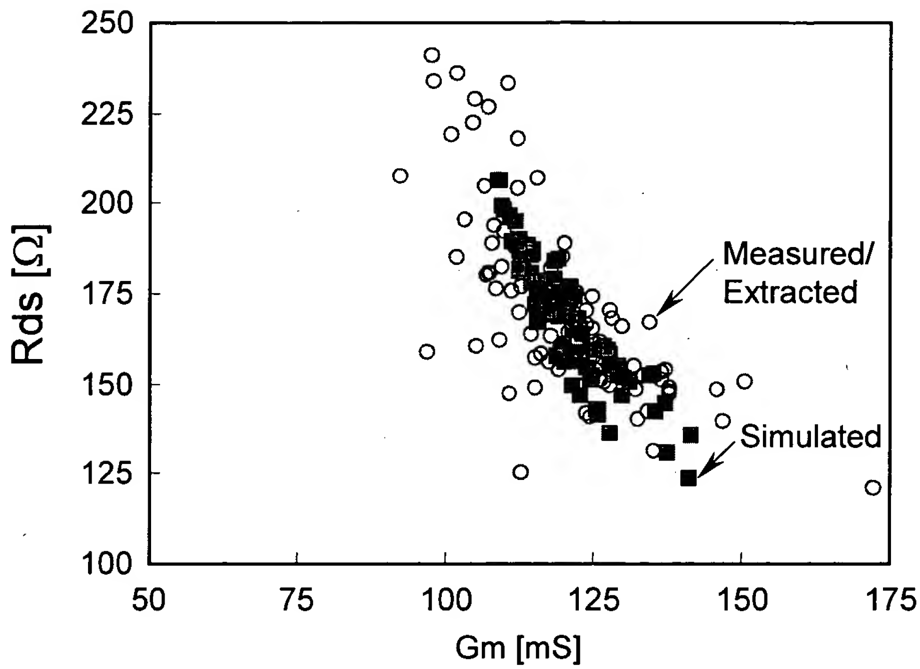


Figure 25

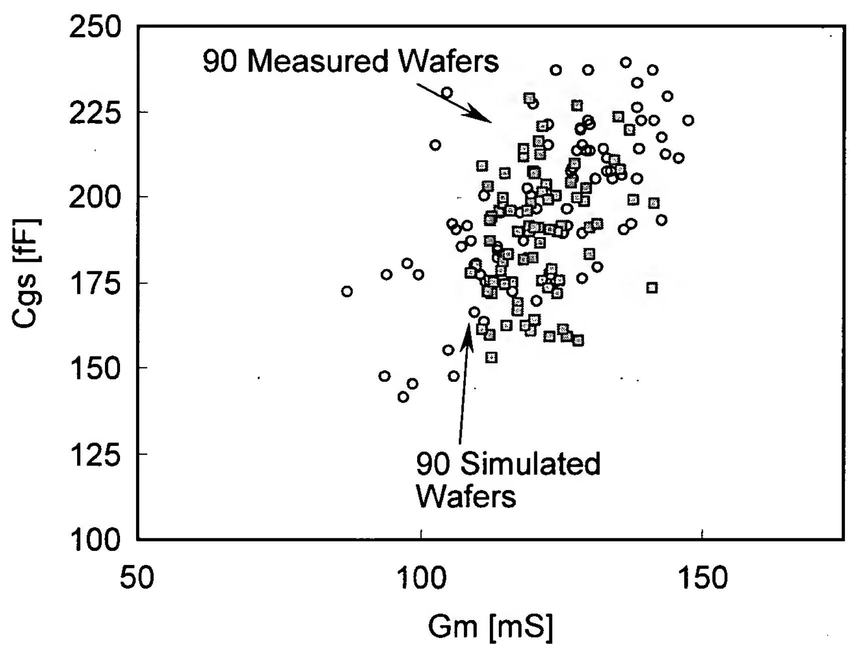


Figure 26

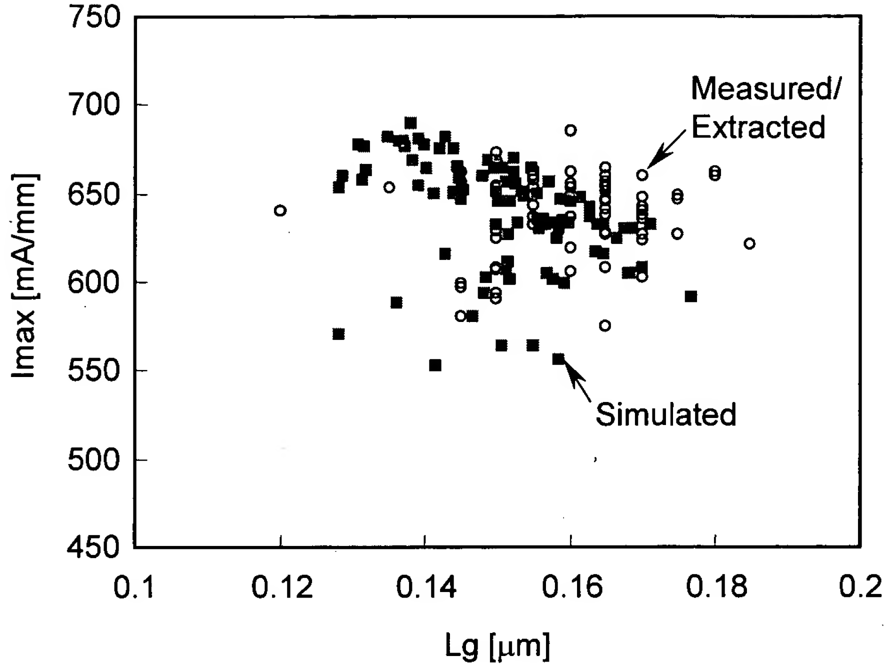


Figure 27

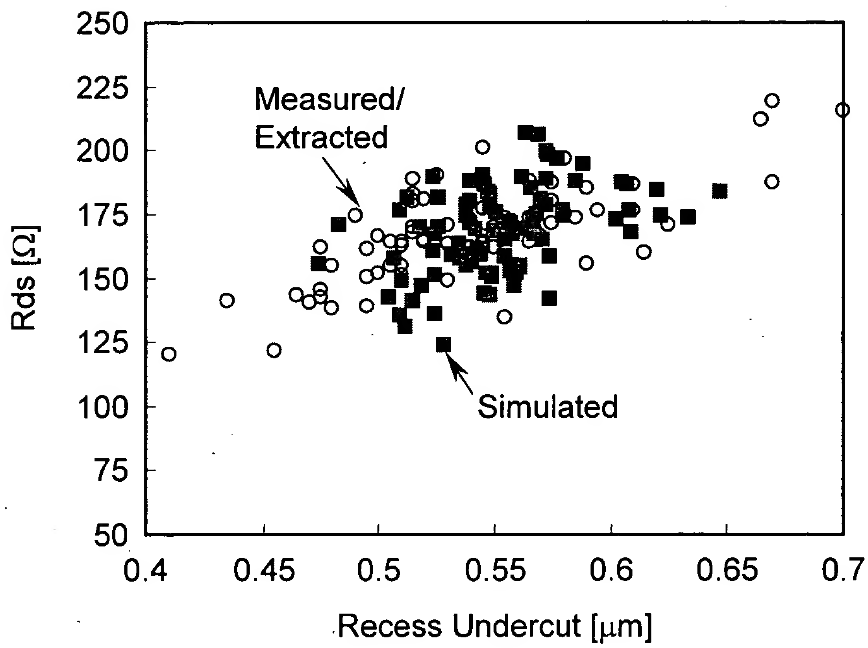


Figure 28